



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Nu-Vue Industries, Inc.  
1055 East 29 Street  
Hialeah, Florida 33013

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series NVTa, NVTAS, NVBH, NVUH, NVRT and NVTH Steel Wood Connectors

**APPROVAL DOCUMENT:** Drawing No. NU-2, titled "NVTa and NVTAS, NVBH 24 and NVUH 26, NVRT and NVTH", sheets 1 through 4 of 4, dated 04/15/2015, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance (NOA) number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 12-0130.33 and consists of this page 1 and evidence pages E1 and E2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



*[Signature]*  
07/20/2015

NOA No: 15-0507.01  
Expiration Date: July 30, 2020  
Approval Date: July 30, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **NU-2**, titled "NVRTA and NVRTAS, NVBH 24 and NVUH 26, NVRT and NVTH", sheets 1 through 4 of 4, dated 04/15/2015, prepared by Nu-Vue Industries, Inc., signed and sealed by Vipin N. Tolat, P.E.

**B. TEST "Submitted under NOA No. 05-0701.04"**


Test reports on wood connectors per ASTM D1761 by Product Testing, Inc., signed and sealed by C. R. Caudel, P.E. and S. E. Black, P.E.

|     | <u>Report No.</u> | <u>Wood Connector</u> | <u>Direction</u>              | <u>Date</u> |
|-----|-------------------|-----------------------|-------------------------------|-------------|
| 1.  | PT 02-4073        | NVRTA                 | Upward                        | 11/06/02    |
| 2.  | PT 02-4075        | NVRTA                 | Upward                        | 11/07/02    |
| 3.  | PT 02-4074        | NVRTA                 | Upward                        | 11/06/02    |
| 4.  | PT 02-3938        | NVRTA                 | Upward                        | 08/06/02    |
| 5.  | PT 03-4177        | NVRT36                | Upward                        | 02/03/03    |
| 6.  | PT 03-4202        | NVRT36-T              | Upward                        | 02/19/03    |
| 7.  | PT 03-4271        | NVRT36-T              | Upward                        | 03/27/03    |
| 8.  | PT 03-4270        | NVRT24-T              | Upward                        | 03/27/03    |
| 9.  | PT 02-4095        | NVUH26                | Up & Downward                 | 01/17/03    |
| 10. | PT 02-4096        | NVBH24                | Up & Downward                 | 12/03/02    |
| 11. | 31-22456.0002     | NVRTA & NVRTAS        | Lateral                       | 07/06/02    |
| 12. | PT 04-4698        | NVTH24                | Upward Parallel/Perpendicular | 04/15/04    |
| 13. | PT 04-5036        | NVTH24                | Upward Load                   | 12/10/04    |

**C. CALCULATIONS "Submitted under NOA No. 04-1202.01"**

Report of Design Capacities prepared by Vipin N. Tolat, P.E.

|    | <u>Product Model</u> | <u>No. of Pages</u> | <u>Date</u> | <u>Signature</u>  |
|----|----------------------|---------------------|-------------|-------------------|
| 1. | NVBM24               | 7 through 8         | 05/05/03    | V. N. Tolat, P.E. |
| 2. | NVRT                 | 9 through 14        | 05/05/03    | V. N. Tolat, P.E. |
| 3. | NVRTA & NVRTAS       | 1 through 6         | 05/05/03    | V. N. Tolat, P.E. |
| 4. | NVRTA & NVRTAS       | 1 through 14        | 02/06/03    | V. N. Tolat, P.E. |
| 5. | NVRT                 | 15 through 15       | 07/07/03    | V. N. Tolat, P.E. |

  
07/20/2015

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No: 15-0507.01

Expiration Date: July 30, 2020

Approval Date: July 30, 2015

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 and 5<sup>th</sup> (2014) edition of the FBC, issued by Vipin N. Tolat, P.E., dated 04/29/2015, signed and sealed by Vipin N. Tolat, P.E.  
  
*"Submitted under NOA No. 04-1202.01"*
2. No Financial Interest and code compliance letter issued by Vipin N. Tolat, P.E., on 03/26/2003 signed and sealed by Vipin N. Tolat, P.E.



07/20/2015

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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No: 15-0507.01  
Expiration Date: July 30, 2020  
Approval Date: July 30, 2015

TABLE 1

Truss Anchors NVTA and Riveted Truss Anchors with Seat NVTAS

| H Length (in) | Product Code |           | Gauge seat | Gauge strap | No. of Fasteners each strap 10d | Maximum Allowable Load (lbs) |                      |                           |                           |
|---------------|--------------|-----------|------------|-------------|---------------------------------|------------------------------|----------------------|---------------------------|---------------------------|
|               |              |           |            |             |                                 | Uplift Single Strap          | Uplift Double Straps | L1 Single & Double Straps | L2 Single & Double Straps |
| 16            | NVTA-16      | NVTAS 212 | 20         | 14          |                                 |                              |                      |                           |                           |
| 18            | NVTA-18      | NVTAS 214 | 20         | 14          | 5                               | 757                          | 1514                 | 250                       | 500                       |
| 20            | NVTA-20      | NVTAS 216 | 20         | 14          | 6                               | 805                          | 1610                 | 250                       | 500                       |
| 22            | NVTA-22      | NVTAS 218 | 20         | 14          | 7                               | 854                          | 1708                 | 250                       | 500                       |
| 24            | NVTA-24      | NVTAS 220 | 20         | 14          | 8                               | 902                          | *1804                | 250                       | 500                       |
| 26            | NVTA-26      | NVTAS 222 | 20         | 14          | 9                               | 951                          | *1902                | 250                       | 500                       |
| 28            | NVTA-28      | NVTAS 224 | 20         | 14          | 10                              | 999                          | *1998                | 250                       | 500                       |
| 30            | NVTA-30      | NVTAS 226 | 20         | 14          | 11                              | 1048                         | *2096                | 250                       | 500                       |
| 36            | NVTA-36      | NVTAS 232 | 20         | 14          | 12                              | 1096                         | *2192                | 250                       | 500                       |
| 48            | NVTA-48      | NVTAS 244 | 20         | 14          | 13                              | 1145                         | *2290                | 250                       | 500                       |
|               |              |           |            |             | 14                              | 1193                         | *2290                | 250                       | 500                       |

\*Note: For 8 or more nails per strap, use double truss for double straps.

TABLE 2

Truss Anchors NVTA and Riveted Truss Anchors with Seat NVTAS

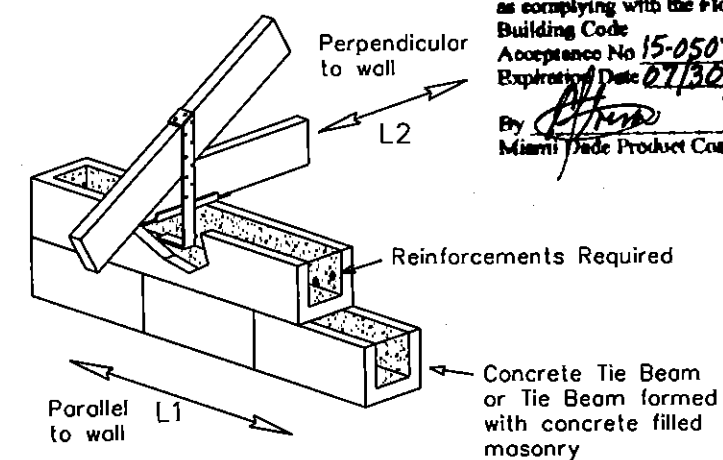
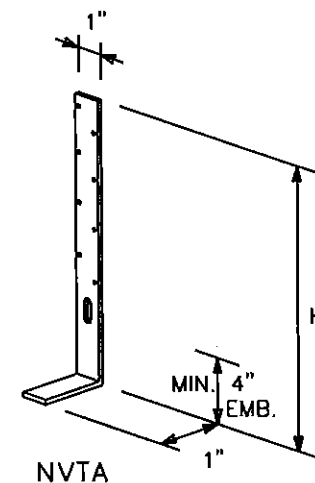
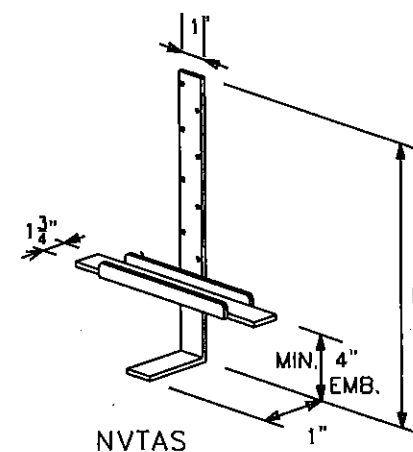
| H Length (in) | Product Code |           | Gauge seat | Gauge strap | No. of Fasteners each strap 10d x 1.5" | Maximum Allowable Load (lbs) |                      |                           |                           |
|---------------|--------------|-----------|------------|-------------|--|------------------------------|----------------------|---------------------------|---------------------------|
|               |              |           |            |             |  | Uplift Single Strap          | Uplift Double Straps | L1 Single & Double Straps | L2 Single & Double Straps |
| 16            | NVTA-16      | NVTAS 212 | 20         | 14          |  |                              |                      |                           |                           |
| 18            | NVTA-18      | NVTAS 214 | 20         | 14          | 5                                      | 1032                         | 2236                 | 250                       | 500                       |
| 20            | NVTA-20      | NVTAS 216 | 20         | 14          | 6                                      | 1127                         | 2254                 | 385                       | 565                       |
| 22            | NVTA-22      | NVTAS 218 | 20         | 14          | 7                                      | 1136                         | 2272                 | 520                       | 630                       |
| 24            | NVTA-24      | NVTAS 220 | 20         | 14          | 8                                      | 1144                         | *2288                | 520                       | 630                       |
| 26            | NVTA-26      | NVTAS 222 | 20         | 14          | 9                                      | 1153                         | *2306                | 520                       | 630                       |
| 28            | NVTA-28      | NVTAS 224 | 20         | 14          | 10                                     | 1161                         | *2322                | 520                       | 630                       |
| 30            | NVTA-30      | NVTAS 226 | 20         | 14          | 11                                     | 1170                         | *2340                | 520                       | 630                       |
| 36            | NVTA-36      | NVTAS 232 | 20         | 14          | 12                                     | 1178                         | *2356                | 520                       | 630                       |
| 48            | NVTA-48      | NVTAS 244 | 20         | 14          | 13                                     | 1187                         | *2374                | 520                       | 630                       |

\*Note: For 8 or more nails per strap, use double truss for double straps.

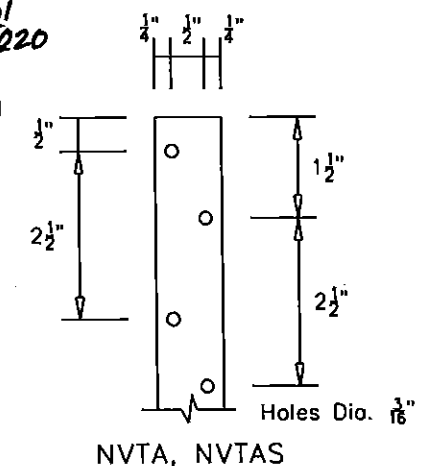
## General Notes:

- Steel shall conform to ASTM A653, SS grade 33, min. yield 33 ksi, min. tensile strength 45 ksi and min. galvanized coating of G 60 per ASTM A653.
- Allowable loads and fasteners are based on NDS 2005/2012.
- Design loads are for S. Pine, specific gravity 0.55. Design loads for other species shall be adjusted per NDS 2005/2012.
- Allowable uplift loads have been adjusted for load duration factor CD of 1.6. Allowable gravity loads have been adjusted for CD values of 1.0, per table 2.3.2 of NDS 2005/2012. Design loads do not include 33% increase for steel and concrete.
- Concrete in Tie beams shall be min. of 2500 psi. Concrete Masonry, Grout and mortar in concrete masonry shall be min. of 1500 psi. Concrete masonry shall comply with ASTM C90.
- Combined load of Uplift, L1 and L2 shall satisfy the following equation.  

$$\frac{\text{Actual Uplift}}{\text{Allowable Uplift}} + \frac{\text{Actual L1}}{\text{Allowable L1}} + \frac{\text{Actual L2}}{\text{Allowable L2}} \leq 1.0$$
- Allowable loads are based on 1½" thick wood members unless otherwise noted.
- All designs Conform to FBC 2010 and 2014.



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 15-0507.01  
Expiration Date 07/30/2020  
By [Signature]  
Miami Trade Product Control



VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LANE  
HOUSTON, TX 77068

*[Signature]*  
4/29/15

Nu-Vue Industries, Inc.

1053-1059 East 29 Street  
Hialeah, Florida 33013  
PHONE: (305) 694-0397  
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NVTA AND NVTAS TRUSS ANCHORS

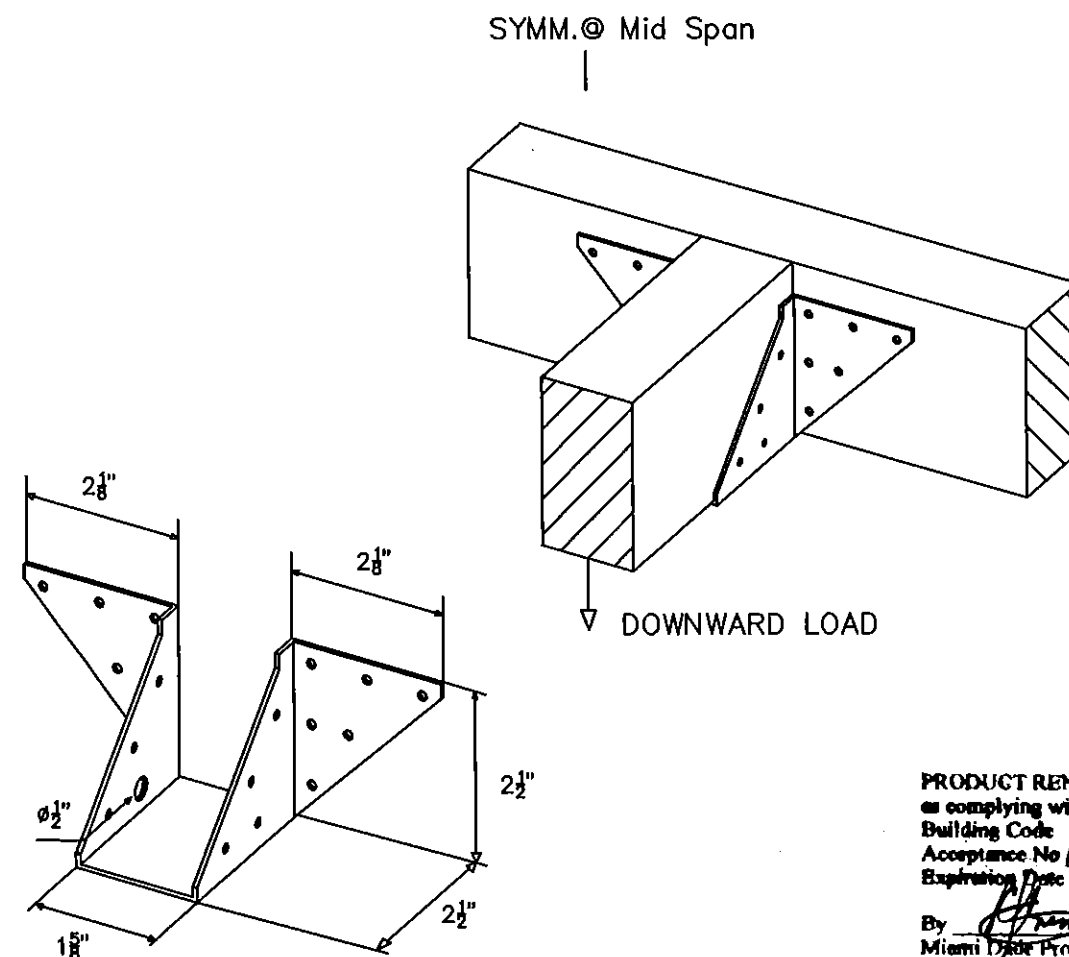
| DWG #: | Sheet: | Date:          |
|--------|--------|----------------|
| NU-2   | 1 of 4 | April 15, 2015 |

**TABLE 3**  
NVBH 24 BUTTERFLY HANGER

| SIZE | PRODUCT CODE | GAUGE | FASTENER SCHEDULE |          | ALLOWABLE LOADS (lbs.) |
|------|--------------|-------|-------------------|----------|------------------------|
|      |              |       | HEADER 8d         | JOIST 8d | DOWNWARD GRAVITY LOADS |
| 2x4  | NVBH24       | 18    | 12                | 6        | 1113                   |

**Notes:**

1. Use all specified fasteners in schedule to achieve values indicated.
2. Values are based on 1½" header and Joist thickness.
3. See General Notes, Sheet 1.



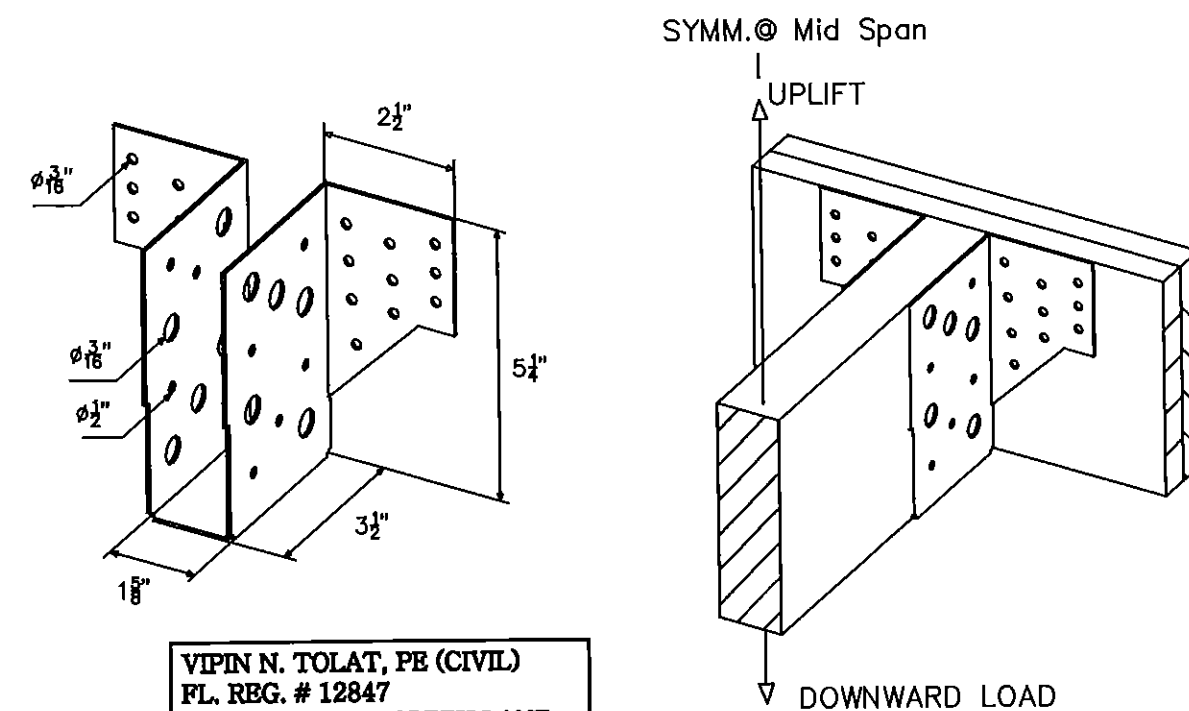
PRODUCT RENEWED  
as complying with the Florida  
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Expiration Date 07/30/2020  
By *[Signature]*  
Miami Data Product Control

**TABLE 4**  
NVUH 26 JOIST HANGER

| SIZE | PRODUCT CODE | GAUGE | FASTENER SCHEDULE |                 | ALLOWABLE LOADS (lbs.) |                  |
|------|--------------|-------|-------------------|-----------------|------------------------|------------------|
|      |              |       | HEADER 16d        | JOIST 10d x 1½" | DOWNWARD GRAVITY LOADS | WIND UPLIFT LOAD |
| 2x6  | NVUH26       | 14    | 20                | 10              | 2233                   | 1213             |

**Notes:**

1. Use all specified fasteners in schedule to achieve values indicated.
2. Values are based on 3" header thickness and 1½" Joist thickness.
3. See General Notes, Sheet 1.



VIPIN N. TOLAT, PE (CIVIL)  
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*[Signature]*  
4/29/15

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**NVBH 24 AND NVUH 26 HANGERS**

|        |        |                |
|--------|--------|----------------|
| DWG #: | Sheet: | Date:          |
| NU-2   | 2 of 4 | April 15, 2015 |

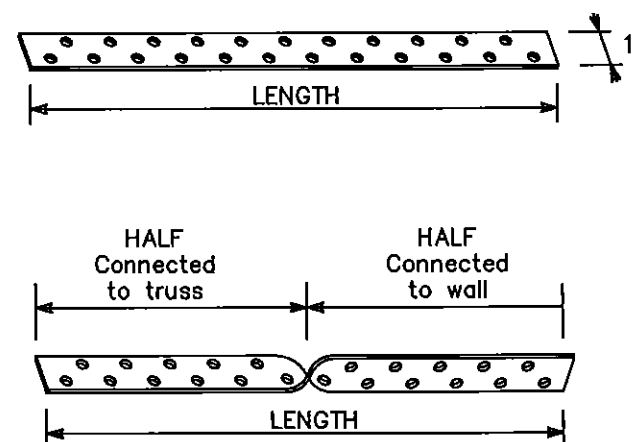
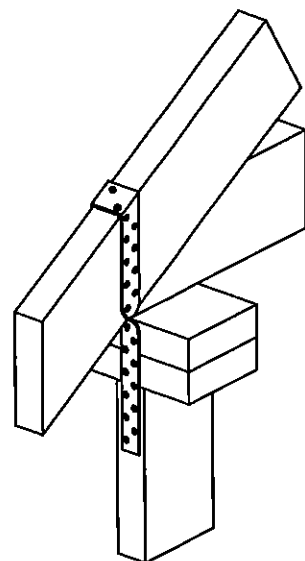
TABLE 5

NVRT Flat and Twisted Rafter Ties

| Length<br>(in) | Product<br>Code | Gauge | 16d Fasteners |                 | Maximum Uplift Load (lbs) |              |
|----------------|-----------------|-------|---------------|-----------------|---------------------------|--------------|
|                |                 |       | TOTAL         | In each member* | Flat Ties                 | Twisted Ties |
| 12             | NVRT-12         | 14    | 8             | 4               | 725                       | 724          |
| 16             | NVRT-16         | 14    | 10            | 5               | 861                       | 860          |
| 18             | NVRT-18         | 14    | 12            | 6               | 998                       | 996          |
| 20             | NVRT-20         | 14    | 14            | 7               | 1135                      | 1132         |
| 22             | NVRT-22         | 14    |               |                 |                           |              |
| 24             | NVRT-24         | 14    |               |                 |                           |              |
| 30             | NVRT-30         | 14    |               |                 |                           |              |
| 36             | NVRT-36         | 14    |               |                 |                           |              |
| 48             | NVRT-48         | 14    |               |                 |                           |              |

## Notes:

1. Specify "F" for Flat and "T" for Twisted when ordering.
2. Fastener values are based on a minimum  $1\frac{1}{2}$ " thick wood members.
3. \* Indicates no. of nails in each connected wood member.
4. See General Notes, sheet 1.



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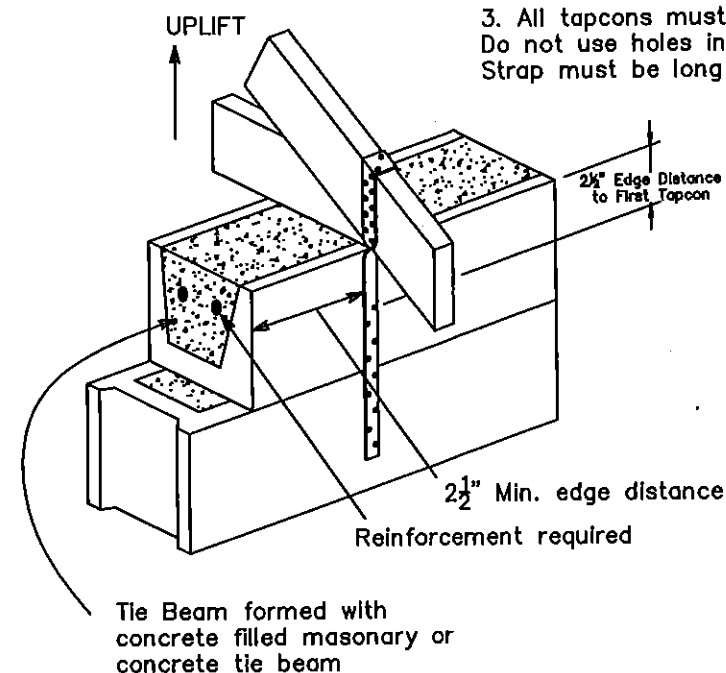
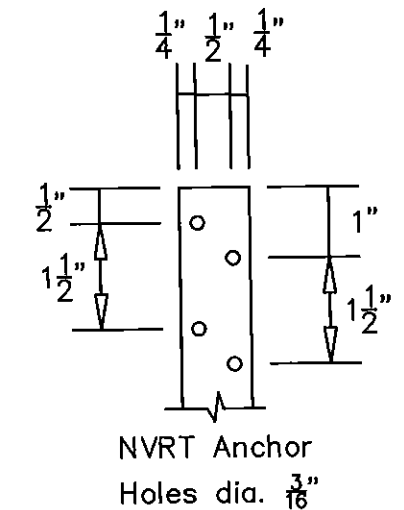


TABLE 6

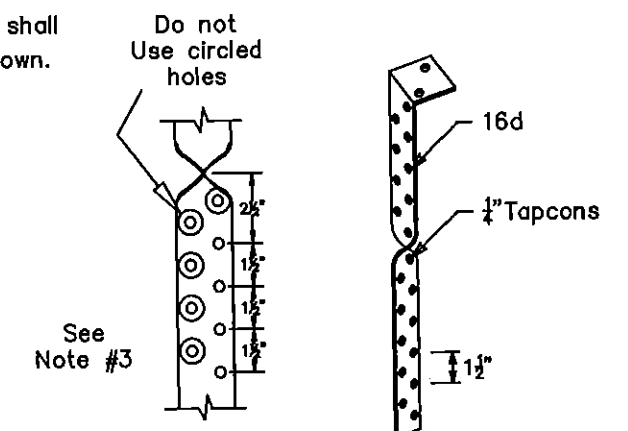
NVRT Twisted Rafter Ties to Concrete Tie Beams  
or Concrete Filled Masonry

| No. of 16d nails<br>to Wood Framing | No. of $\frac{1}{4}$ " diameter<br>Tapcons to Concrete | Maximum Uplift<br>Load (lbs) |
|-------------------------------------|--|------------------------------|
| 4                                   | 6  | 722                          |
| 5                                   | 7  | 856                          |
| 6                                   | 8  | 991                          |
| 7                                   | 9  | 1125                         |



## Notes:

1. ITW tapcons shall be embedded a minimum of  $1\frac{1}{4}$ " into concrete tiebeam or tiebeam formed with concrete filled masonry. ITW tapcons shall have a min. edge distance of  $2\frac{1}{2}$ " and minimum spacing of  $1\frac{1}{2}$ " as shown.
2. See General Notes, sheet 1.
3. All tapcons must be in the same row spaced at  $1\frac{1}{2}$ " on centers. Do not use holes in the opposite row. Strap must be long enough to accommodate required tapcons.



VIPIN N. TOLAT, PE (CIVIL)  
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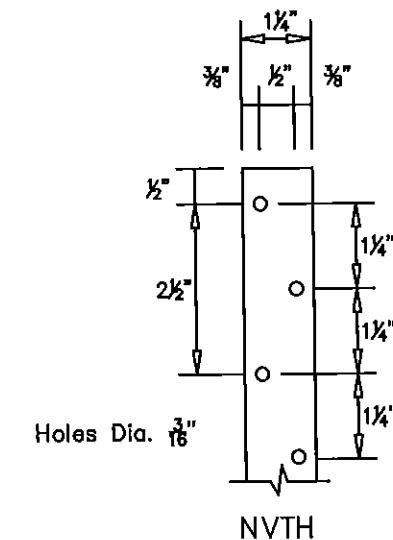
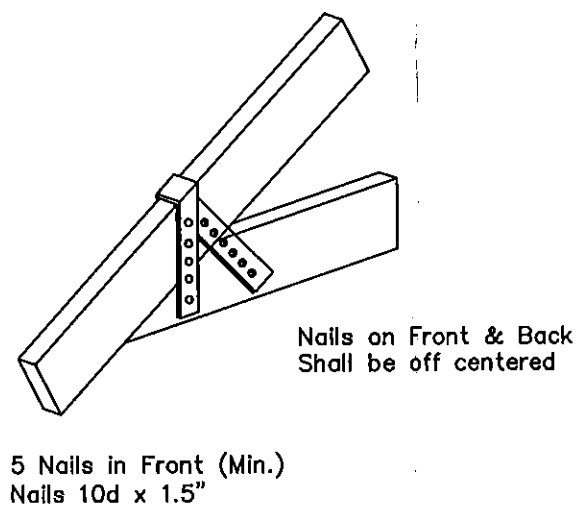
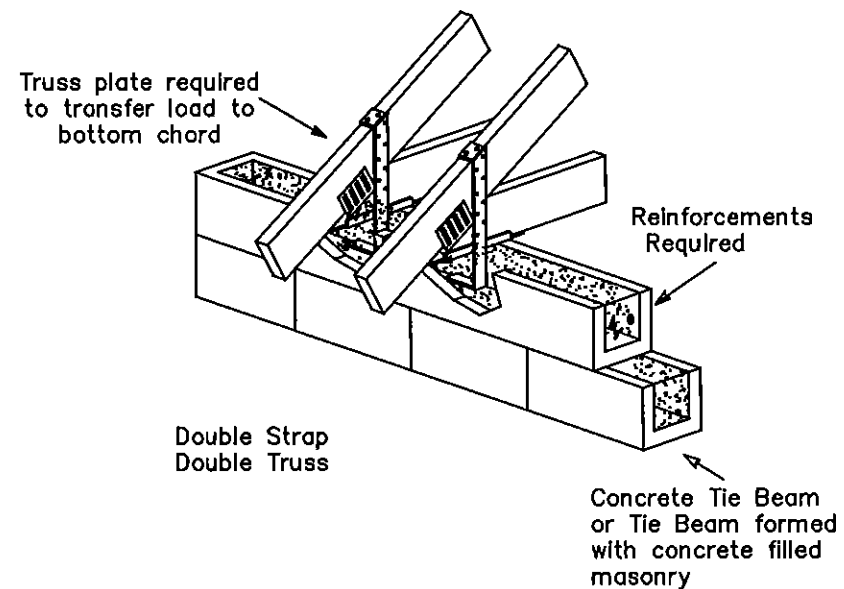
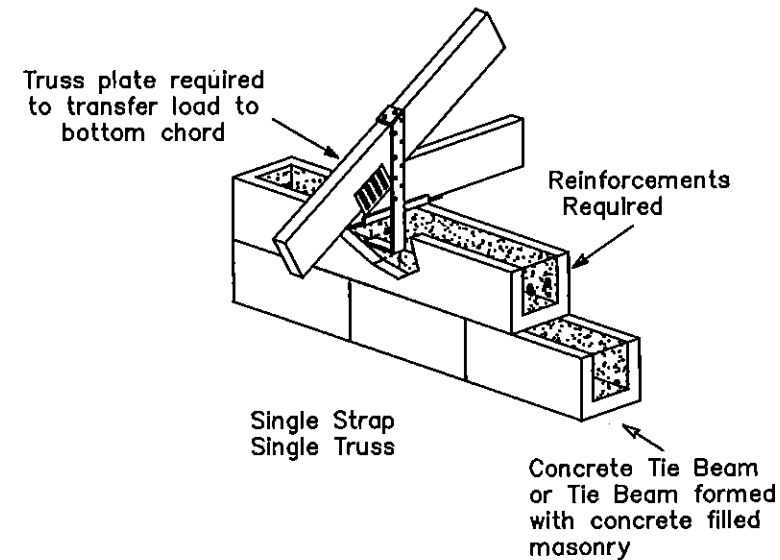
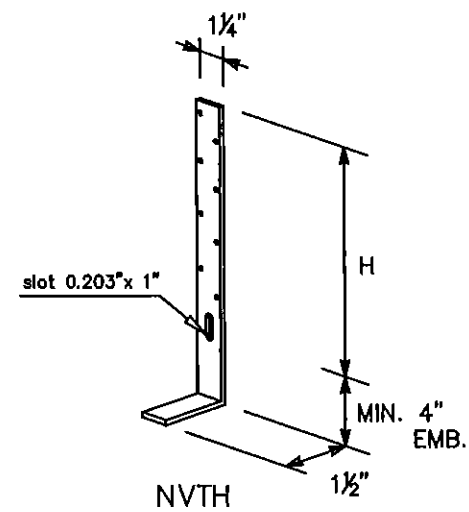
NVRT FLAT AND TWISTED RAFTER TIES

|        |        |                |
|--------|--------|----------------|
| DWG #: | Sheet: | Date:          |
| NU-2   | 3 of 4 | April 15, 2015 |

TABLE 7

## Truss Anchors NVTH

| H<br>Length<br>(in) | Product<br>Code | Gauge<br>seat | Gauge<br>strap | No. of Fasteners<br>in each Strap<br>10d x 1.5" | Maximum Uplift Loads (lbs)         |                                     |
|---------------------|-----------------|---------------|----------------|---|------------------------------------|-------------------------------------|
|                     |                 |               |                |   | Single Strap<br>on<br>Single Truss | Double Straps<br>on<br>Double Truss |
| 12                  | NVTH-16         | 18            | 14             | 5   | 1032                               | 2064                                |
| 14                  | NVTH-18         | 18            | 14             | 6   | 1222                               | 2444                                |
| 16                  | NVTH-20         | 18            | 14             | 7   | 1275                               | 2550                                |
| 18                  | NVTH-22         | 18            | 14             | 8   | 1329                               | 2658                                |
| 20                  | NVTH-24         | 18            | 14             | 9   | 1383                               | 2766                                |
| 22                  | NVTH-26         | 18            | 14             | 10  | 1437                               | 2874                                |
| 24                  | NVTH-28         | 18            | 14             | 11  | 1490                               | 2980                                |
| 26                  | NVTH-30         | 18            | 14             | 12  | 1544                               | 3088                                |
| 32                  | NVTH-36         | 18            | 14             | 13  | 1598                               | 3196                                |
| 44                  | NVTH-48         | 18            | 14             |   |                                    |                                     |



For General Notes, see sheet 1

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## NVTH ANCHORS

| DWG #: | Sheet: | Date:          | Revisions: |
|--------|--------|----------------|------------|
| NU-2   | 4 of 4 | April 15, 2015 |            |